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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 582 DLJ51 RS00505 WP 002962720.1      MDKEKLKEIFNKHSALPEEVEEFDDGMVKEVITAGLLF....CLK...EVLDMDDSSFVSAFSRVEKTVSKLAKDYYIKL    73
NTDB id 424 SGO RS10430 WP 012130755.1        ..........................................................MKFEDVYKQVEGIVKRCYKDYYLHL    25
NTDB id 423 SGO RS08370 WP 012130755.1        ..........................................................MKFEDVYKQVEGIVKRCYKDYYLHL    25
NTDB id 554 STRINF RS00370 WP 115283725.1     ..........................................................MDFERYFQTVKPIILKLRRHYFVKL    25
NTDB id 1127358 FGK96 RS07920 WP 138082898.1 ............................MFFFVTFFYNMTIILKEGVTKKSMYNSELNEIFSHVKPIIFKLMRTYFIQL    51
NTDB id 450 SPYM18 RS08475 WP 011018214.1     ........................MSCCFFVVLFIL..GIVKK...KRRLKMSIETRAAFEKVKPIILKLKRHYYIQL    49
NTDB id 449 SPYM18 RS01395 WP 011018214.1     ........................MSCCFFVVLFIL..GIVKK...KRRLKMSIETRAAFEKVKPIILKLKRHYYIQL    49
NTDB id 442 SPYM3 RS08515 WP 011106595.1      ........................MSCCFFVVLFIL..GIVKK...KRRLKMSIETRAVFEKVKPIILKLKRHYYIQL    49
NTDB id 441 SPYM3 RS01385 WP 011106595.1      ........................MSCCFFVVLFIL..GIVKK...KRRLKMSIETRAVFEKVKPIILKLKRHYYIQL    49
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 ........................MSCCFFVVLFIL..GIVKK...KRRLKMSIETRAAFEKVKPIILKLKRHYYIQL    49
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 ........................MSCCFFVVLFIL..GIVKK...KRRLKMSIETRAAFEKVKPIILKLKRHYYIQL    49
consensus                                     ************  *****   ************ ***!**********!***!
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logo

NTDB id 582 DLJ51 RS00505 WP 002962720.1      WTYDDWRQEARIILYQLLERFPDLANDEEKLRIYFKTKFRSYVLDNIRKQESQKRAFDRMIYEEISELGHMIPSQQM.DT   152
NTDB id 424 SGO RS10430 WP 012130755.1        WEYADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKEL.YL   104
NTDB id 423 SGO RS08370 WP 012130755.1        WEYADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKEL.YL   104
NTDB id 554 STRINF RS00370 WP 115283725.1     WDYEDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVFFFEV   105
NTDB id 1127358 FGK96 RS07920 WP 138082898.1 WETDDWLQEGRLVLYNLIESNPELLTNQKKLFVYFKTKFSSHIKDNIRHQESFKRKLNRLPYQEISEVSHRIPEKGL.IL   130
NTDB id 450 SPYM18 RS08475 WP 011018214.1     WDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WL   128
NTDB id 449 SPYM18 RS01395 WP 011018214.1     WDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WL   128
NTDB id 442 SPYM3 RS08515 WP 011106595.1      WDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WL   128
NTDB id 441 SPYM3 RS01385 WP 011106595.1      WDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WL   128
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 WDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WL   128
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 WDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WL   128
consensus                                     !***!!*!!*******!****!*!*********!!!!!!*****!**!*!!!*!!******!*!*****!*******  **
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logo

NTDB id 582 DLJ51 RS00505 WP 002962720.1      ADYCALKEKLKELKQKLAPEDYAKILLLMRGGAFKGRSAFIKDIKVEFEDFDEDN.   207
NTDB id 424 SGO RS10430 WP 012130755.1        DELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD   160
NTDB id 423 SGO RS08370 WP 012130755.1        DELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD   160
NTDB id 554 STRINF RS00370 WP 115283725.1     EDYVAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP...   158
NTDB id 1127358 FGK96 RS07920 WP 138082898.1 DDFVAYQSIIEELKPYLTTKEKNQFKALLRGERFSGRKSLLRKLKPFFIDFHR...   183
NTDB id 450 SPYM18 RS08475 WP 011018214.1     DDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL.   183
NTDB id 449 SPYM18 RS01395 WP 011018214.1     DDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL.   183
NTDB id 442 SPYM3 RS08515 WP 011106595.1      DDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL.   183
NTDB id 441 SPYM3 RS01385 WP 011106595.1      DDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL.   183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 DDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL.   183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 DDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL.   183
consensus                                     ****!************!********  *******!*!***************!****
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X non conserved

X similar

X ≥50% conserved